

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/052,855A

1642 #9

DATE: 08/23/98
TIME: 14:29:12

INPUT SET: S28208.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1
2
3 (1) General Information
4
5 (i) APPLICANT: BILLING-MEDEL, PATRICIA
6 COHEN, MAURICE
7 COLPITTS, TRACEY L.
8 FRIEDMAN, PAULA N.
9 GORDON, JULIAN
10 GRANADOS, EDWARD N.
11 HAYDEN, MARK
12 HODGES, STEVEN C.
13 KCLASS, MICHAEL R.
14 KRATOCHVIL, JON D.
15 ROBERTS-RAPP, LISA
16 RUSSELL, JOHN C.
17 STROUPE, STEPHEN D.
18
19 (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
20 FOR DETECTING DISEASES OF THE GASTROINTESTINAL
21 TRACT
22
23 (iii) NUMBER OF SEQUENCES: 30
24
25 (iv) CORRESPONDENCE ADDRESS:
26 (A) ADDRESSEE: Abbott Laboratories
27 (B) STREET: 100 Abbott Park Road
28 (C) CITY: Abbott Park
29 (D) STATE: IL
30 (E) COUNTRY: USA
31 (F) ZIP: 60064-3500
32
33 (v) COMPUTER READABLE FORM:
34 (A) MEDIUM TYPE: Diskette
35 (B) COMPUTER: IBM Compatible
36 (C) OPERATING SYSTEM: DOS
37 (D) SOFTWARE: FastSEQ for Windows Version 2.0
38
39 (vi) CURRENT APPLICATION DATA:
40 (A) APPLICATION NUMBER: 09/052,855
41 (B) FILING DATE: 31-MAR-1998
42 (C) CLASSIFICATION:
43
44 (vii) PRIOR APPLICATION DATA:
45 (A) APPLICATION NUMBER: 08/828,489
46 (B) FILING DATE: 31-MAR-1997

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PATENT APPLICATION US/09/052,855ADATE: 08/23/98
TIME: 14:29:13

INPUT SET: S28208.raw

47
48 (viii) ATTORNEY/AGENT INFORMATION:
49 (A) NAME: Becker, Cheryl L.
50 (B) REGISTRATION NUMBER: 35,441
51 (C) REFERENCE/DOCKET NUMBER: 6064.US.P1
52
53 (ix) TELECOMMUNICATION INFORMATION:
54 (A) TELEPHONE: 847/935-1729
55 (B) TELEFAX: 847/938-2623
56 (C) TELEX:
57
58 (2) INFORMATION FOR SEQ ID NO:1:
59
60 (i) SEQUENCE CHARACTERISTICS:
61 (A) LENGTH: 273 base pairs
62 (B) TYPE: nucleic acid
63 (C) STRANDEDNESS: single
64 (D) TOPOLOGY: linear
65
66 (ix) FEATURE:
67 (A) NAME/KEY: base_polymorphism
68 (B) LOCATION: 3
69 (D) OTHER INFORMATION: /note= " N' represents an A or G or
70 T or C polymorphism at this position"
71
72 (ix) FEATURE:
73 (A) NAME/KEY: base_polymorphism
74 (B) LOCATION: 55
75 (D) OTHER INFORMATION: /note= " N' represents an A or G or
76 T or C polymorphism at this position"
77
78 (ix) FEATURE:
79 (A) NAME/KEY: base_polymorphism
80 (B) LOCATION: 62
81 (D) OTHER INFORMATION: /note= " N' represents an A or G or
82 T or C polymorphism at this position"
83
84 (ix) FEATURE:
85 (A) NAME/KEY: base_polymorphism
86 (B) LOCATION: 189
87 (D) OTHER INFORMATION: /note= " N' represents an A or G or
88 T or C polymorphism at this position"
89
90 (ix) FEATURE:
91 (A) NAME/KEY: base_polymorphism
92 (B) LOCATION: 201
93 (D) OTHER INFORMATION: /note= " N' represents an A or G or
94 T or C polymorphism at this position"
95
96 (ix) FEATURE:
97 (A) NAME/KEY: base_polymorphism
98 (B) LOCATION: 204
99 (D) OTHER INFORMATION: /note= " N' represents an A or G or

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100 T or C polymorphism at this position"

101

102 (ix) FEATURE:

103 (A) NAME/KEY: base_polymorphism

104 (B) LOCATION: 206

105 (D) OTHER INFORMATION: /note= " N' represents an A or G or

106 T or C polymorphism at this position"

107

108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

109

110	GGNCAGAGCC	TGCGCAGGGC	AGGAGCAGCT	GGCCCACTGG	CGGCCCGCAA	CACTNCGTCT	60
111	TNACCCTCTG	GGCCCACTGC	ATCTAGAGGA	GGGCCGTCTG	TGAGGCCACT	ACCCCTCCAG	120
112	CAACTGGGAG	GTGGGACTGT	CAGAAGCTGG	CCCAGGGTGG	TGGTCAGCTG	GGTCAGGGAC	180
113	CTACGGCANÇ	TGCTGGACCA	NCTNGNCTTT	TCCATCGAAG	CAGGGAAGTG	GGAGCCTTGA	240
114	GCCCTTGGGT	GGAAGCTTGA	CCCCAAGCCA	CTT			273

115

116 (2) INFORMATION FOR SEQ ID NO:2:

117

118 (i) SEQUENCE CHARACTERISTICS:

119 (A) LENGTH: 250 base pairs

120 (B) TYPE: nucleic acid

121 (C) STRANDEDNESS: single

122 (D) TOPOLOGY: linear

123

124 (ix) FEATURE:

125 (A) NAME/KEY: base_polymorphism

126 (B) LOCATION: 69

127 (D) OTHER INFORMATION: /note= " N' represents an A or G or

128 T or C polymorphism at this position"

129

130 (ix) FEATURE:

131 (A) NAME/KEY: base_polymorphism

132 (B) LOCATION: 97

133 (D) OTHER INFORMATION: /note= " N' represents an A or G or

134 T or C polymorphism at this position"

135

136 (ix) FEATURE:

137 (A) NAME/KEY: base_polymorphism

138 (B) LOCATION: 140

139 (D) OTHER INFORMATION: /note= " N' represents an A or G or

140 T or C polymorphism at this position"

141

142 (ix) FEATURE:

143 (A) NAME/KEY: base_polymorphism

144 (B) LOCATION: 223

145 (D) OTHER INFORMATION: /note= " N' represents an A or G or

146 T or C polymorphism at this position"

147

148

149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

150

151	AGAGCCTGCG	CAGGGCAGGA	GCAGCTGGCC	CACTGGCGGC	CCGCAACACT	CCGTCTCACC	60
152	CTCTGGGCNC	ACTGCATCTA	GAGGAGGGCC	GTCTGTNAGG	CCACTACCCC	TCCAGCAACT	120

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153	GGGAGGTGGG ACTGTCAGAN GCTGGCCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG	180
154	GCACCTGCTG GACCACCTCG CCTTCTCCAT CGAAGCAGGG AANTGGGAGC CTCGAGCCCT	240
155	CGGGTGGAAG	250

156

157 (2) INFORMATION FOR SEQ ID NO:3:

158

159 (i) SEQUENCE CHARACTERISTICS:

160 (A) LENGTH: 250 base pairs

161 (B) TYPE: nucleic acid

162 (C) STRANDEDNESS: single

163 (D) TOPOLOGY: linear

164

165 (ix) FEATURE:

166 (A) NAME/KEY: base_polymorphism

167 (B) LOCATION: 68

168 (D) OTHER INFORMATION: /note= " N' represents an A or G or
169 T or C polymorphism at this position"

170

171 (ix) FEATURE:

172 (A) NAME/KEY: base_polymorphism

173 (B) LOCATION: 232

174 (D) OTHER INFORMATION: /note= " N' represents an A or G or
175 T or C polymorphism at this position"

176

177 (ix) FEATURE:

178 (A) NAME/KEY: base_polymorphism

179 (B) LOCATION: 233

180 (D) OTHER INFORMATION: /note= " N' represents an A or G or
181 T or C polymorphism at this position"

182

183

184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

185

186	TGGCGGCQCG CAACACTCCG TCTCACCCTC TGGGCCCACT GCATCTAGAG GAGGGCCGTC	60
187	TGTGAGGNCA CTACCCCTCC AGCAACTGGG AGGTGGGACT GTCAGAATCT GGCCCAGGGT	120
188	GGTGGTCAGC TGGGTCAGGG ACCTACGGCA CCTGCTGGAC CACCTCGCCT TCTCCATCGA	180
189	AGCAGGGAAG TGGGAGCCTC GAGCCCTCGG GTGGAAGCTG ACCCCAAGCC ANNCTTCACC	240
190	TGGACAGGAT	250

191

192 (2) INFORMATION FOR SEQ ID NO:4:

193

194 (i) SEQUENCE CHARACTERISTICS:

195 (A) LENGTH: 233 base pairs

196 (B) TYPE: nucleic acid

197 (C) STRANDEDNESS: single

198 (D) TOPOLOGY: linear

199

200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

201

202	CCCTCTGGGC CCACTGCATC TAGAGGAGGG CCGTCTGTGA GGCCACTACC CCTCCAGCAA	60
203	CTGGGAGGTG GGAAGTGCAG AAGCTGGCCC AGGGTGGTGG TCAGCTGGGT CAGGGACCTA	120
204	CGGCACCTGC TGGACCACCT CGCCTTCTCC ATCGAAGCAG GGAAGTGGGA GCCTCGAGCC	180
205	CTCGGGTGGA AGCTGACCCC AAGCCACCCT TCACCTGGAC AGGATGAGAG TGT	233

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(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 287 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ix) FEATURE:

(A) NAME/KEY: base_polymorphism

(B) LOCATION: 17

(D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

(ix) FEATURE:

(A) NAME/KEY: base_polymorphism

(B) LOCATION: 60

(D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

(ix) FEATURE:

(A) NAME/KEY: base_polymorphism

(B) LOCATION: 193

(D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CACGAGGGCC	GTCTGTNAGG	CCACTACCCC	TCCAGCAACT	GGGAGGTGGG	ACTGTCAGAN	60
GCTGGCCCG	GGTGGTGGTC	AGCTGGGTCA	GGGACCTACG	GCACCTGCTG	GACCACCTCG	120
CCTTCTCCAT	CGAAGCAGGG	AAGTGGGAGC	CTCGAGCCCT	CGGGTGGGAG	CTGACCCCAA	180
GCCACCCTTC	ACNTGGACAG	GATGAGAGTG	TCAGGTGTGC	TTCGCCTCCT	GGCCCTCATC	240
TTTGCCATAG	TCACGACATG	GATGTTTATT	CGAAGCTACA	TGAGCTT		287

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 263 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GATGTTTATT	CGAAGCTACA	TGAGCTTCAG	CATGAAAACC	ATCCGTCTGC	CACGCTGGCT	60
GGCCTCGCCC	ACCAAGGAGA	TCCAGGTTAA	AAAGTACAAG	TGTGGCCTCA	TCAAGCCCTG	120
CCCAGCCAAC	TACTTTGCGT	TTAAAATCTG	CAGTGGGGCC	GCCAACGTCG	TGGGCCCTAC	180
TATGTGCTTT	GAAGACCGCA	TGATCATGAG	TCCTGTGAAA	AACAATGTGG	GCAGAGGCCCT	240
AAACATCGCC	CTGGTGAATG	GAA				263

(2) INFORMATION FOR SEQ ID NO:7:

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/052,855A

DATE: 08/23/98
TIME: 14:29:17

INPUT SET: S28208.raw

Line	Error	Original Text
16	Response Exceeds Line Limitations	RUSSELL, JOHN C.
17	Response Exceeds Line Limitations	STROUPE, STEPHEN D.